



**s.63**

1/2" - 3" reduced port, ISO 228



## Quality

- 24h 100% seal test guaranteed
- Dual sealing system allows valve to be operated in either direction making installation easier
- No metal-to-metal moving parts
- No maintenance ever required
- Handle clearly shows ball position
- Silicone-free lubricant on all seals
- Chrome plated brass ball for longer life
- Handle stops on body to avoid stress at stem

## Body

- Hot forged sand blasted, external nickel plated brass body and cap sealed with Loctite® or equivalent thread sealant
- Finest brass according to EN 12165 and EN 12164 specifications

## Stem

- Blowout-proof nickel plated brass stem
- Maintenance-free, double FPM O-rings at the stem for maximum safety

## Sealing

- Pure PTFE self-lubricating seats with flexible-lip design

## Threads

- ISO 228 female by female threads

## Flow

- One size reduced port for compact design

## Handle

- Geomet® carbon steel handle with thick PVC dip coating. Handle coating offers both thermal and electrical protection
- Handle removable with valve in service
- **WARNING:** do not exceed reasonable temperature and/or electrical load

## Working pressure & temperature

- 40 bar (600 PSI) non-shock cold working pressure
- -40°C to +170°C (-40°F to +350°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

## Options

- Oval lockable handle up to 2.1/2", round over 2.1/2"
- Male by female ISO 228 threads up to 2"
- Stem extension up to 2.1/2"
- T-handle up to 2.1/2"
- Stainless steel handle (1.4016 / AISI 430) up to 2.1/2"
- Patented locking device for valves up to 3"
- Stubby handle up to 2"
- **RuB** memory stop is designed to be installed with our stubby handle

## Upon request

- Stainless steel ball (1.4401 / AISI 316)
- Glass filled PTFE seals
- Custom design

## PED directive

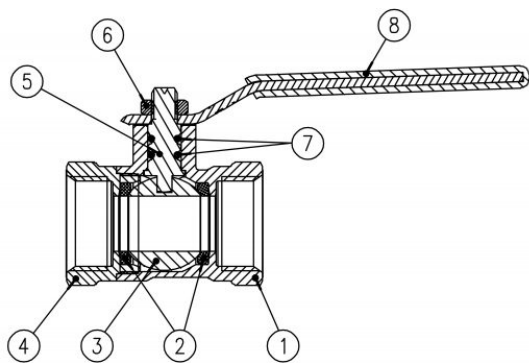
- According to 2014/68/UE module A: it cannot be used with dangerous gases in sizes larger than 25mm

## Approved by or in compliance with

- GOST-R (Russia)
- RoHS Compliant (EU)
- EAC - Declaration of conformity (Russia, Kazakhstan, Belarus)

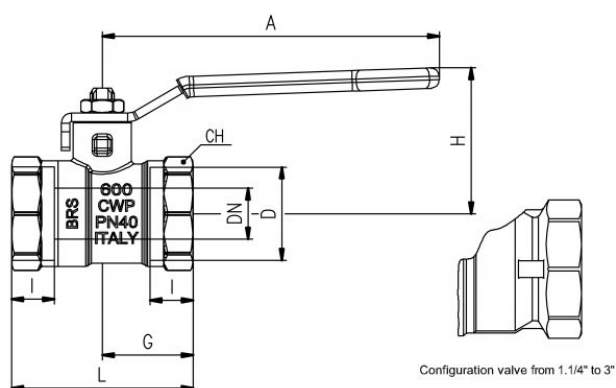
**NOTE:** approvals apply to specific configurations/ sizes only.





|   | PART DESCRIPTION                                                         | Q.TY | MATERIAL          |
|---|--------------------------------------------------------------------------|------|-------------------|
| 1 | Nickel plated body (external nickel plated, unplated inside up to 2")    | 1    | CW617N            |
| 2 | Seat                                                                     | 2    | PTFE              |
| 3 | Chrome plated ball                                                       | 1    | CW617N            |
| 4 | Nickel plated end-cap (external nickel plated, unplated inside up to 2") | 1    | CW617N            |
| 5 | Nickel plated stem O-ring design                                         | 1    | CW617N            |
| 6 | Geomet® nut                                                              | 1    | CB4FF (EN10263-2) |
| 7 | O-Ring                                                                   | 2    | FPM               |
| 8 | Red PVC coated Geomet® steel handle                                      | 1    | DD11 (EN10111)    |

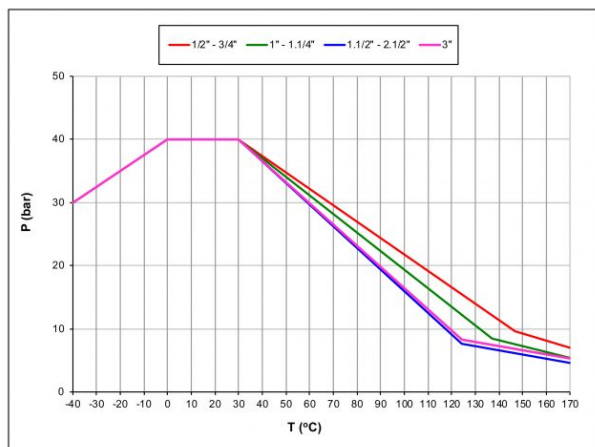
1.1/2" - 2.1/2" hollow ball



| Code      | S63D00 | S63E00 | S63F00 | S63G00 | S63H00 | S63I00 | S63L00 | S63M00 |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|
| D (inch)  | 1/2    | 3/4    | 1      | 1 1/4  | 1 1/2  | 2      | 2 1/2  | 3      |
| DN (mm)   | 11.5   | 15     | 19     | 24     | 30     | 38     | 48     | 64     |
| I (mm)    | 11     | 12     | 14     | 15     | 17     | 19     | 22     | 25     |
| L (mm)    | 45     | 54     | 60     | 72     | 84     | 97     | 114    | 142    |
| G (mm)    | 22     | 27     | 30     | 36     | 42     | 48.5   | 57     | 71     |
| A (mm)    | 100    | 100    | 120    | 120    | 158    | 158    | 158    | 255    |
| H (mm)    | 41     | 43     | 50     | 54     | 73     | 79     | 86     | 132    |
| CH (mm)   | 25     | 31     | 38     | 49     | 54     | 68     | 85     | 99     |
| Kv (m³/h) | 7.2    | 13     | 19     | 33     | 47     | 68     | 179    | 516    |

DN shows the nominal flow diameter. Stem configuration of valves over 2.1/2" is slightly different.  
Ball valves are marked CE on handle from 1.1/2" to 2.1/2", on body over 2.1/2" as follow: CE XXCODEXX Cat. I-A

Pressure-temperature chart



Pressure drop chart

